

IN THE CLAIMS:

Please amend the claims as shown below. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) An image processing apparatus for reproducing a recorded digital data stream, comprising:

determination means for determining whether an object having a predetermined attribute exists in the recorded digital data stream; and

reproducing means for ~~changing a reproducing form of the object and reproducing the object when~~ reproducing the recorded digital data stream while replacing the object with a new object generated based on information of the object being reproduced, in a case where said determination means determines that the object having the predetermined attribute exists.

2. (Original) The apparatus according to claim 1, wherein the digital data stream includes a data stream coded by a digital television MPEG4 scheme, and has main data and sub-data,

the main data includes data having a plurality of objects divided in units of predetermined objects, and

the sub-data includes attribute information of the object.

3. (Original) The apparatus according to claim 2, wherein the digital data stream includes a digital television data stream containing an object coded by an MPEG4 scheme and the sub-data multiplexed on an MPEG2 bitstream.

4. (Currently Amended) The apparatus according to claim 1, wherein said reproducing means ~~does not display the object~~ selects any one of an original object, the new object and non-display of the object, in reproducing the object having the predetermined attribute.

5. (Original) The apparatus according to claim 1, wherein the predetermined attribute includes a real-time information attribute which is significant in recording the digital data stream.

6. (Currently Amended) The apparatus according to claim 1, ~~wherein the apparatus further comprises~~ comprising timepiece means for measuring current time, and wherein said reproducing means replaces the object by another display object based on time measurement by said timepiece means in reproducing the object having the predetermined attribute.

7. (Currently Amended) A display device for receiving and displaying digital data reproduced by a reproducing device, comprising:

determination means for determining whether an object having a predetermined attribute exists in the digital data; and

display control means for ~~changing a display form of the object and displaying the object when~~ displaying a video image while replacing the object with a new object generated based on information of the object being reproduced, in a case where said determination means determines that the object having the predetermined attribute exists.

8. (Currently Amended) The device according to claim 7, wherein said display control means ~~does not display the object~~ selects any one of an original object, the new object and non-display of the object, in reproducing the object having the predetermined attribute.

9. (Original) The device according to claim 7, wherein the predetermined attribute includes a real-time information attribute which is significant in recording the digital data.

10. (Currently Amended) The device according to claim 7, wherein the device further comprises comprising timepiece means for measuring current time, and wherein said display control means replaces the object by another display object based on time measurement by said timepiece means in reproducing the object having the predetermined attribute.

11. (Currently Amended) An image processing method of reproducing a recorded digital data stream, comprising:

the a determination step of determining whether an object having a predetermined attribute exists in the recorded digital data stream; and

the a reproducing step of ~~changing a reproducing form of the object and reproducing the object when~~ reproducing the recorded digital data stream while replacing the object with a new object generated based on information of the object being reproduced, in a case where the object having the predetermined attribute is determined to exist in the said determination step.

12. (Original) The method according to claim 11, wherein the digital data stream includes a data stream coded by a digital television MPEG4 scheme, and has main data and sub-data,

the main data includes data having a plurality of objects divided in units of predetermined objects, and

the sub-data includes attribute information of the object.

13. (Original) The method according to claim 12, wherein the digital data stream includes a digital television data stream containing an object coded by an MPEG4 scheme and the sub-data multiplexed on an MPEG2 bitstream.

14. (Currently Amended) The method according to claim 11, wherein in said reproducing step comprises not displaying the object any one of an original object, the new object and non-display of the object is selected in reproducing the object having the predetermined attribute.

15. (Original) The method according to claim 11, wherein the predetermined attribute includes a real-time information attribute which is significant in recording the digital data stream.

16. (Currently Amended) The method according to claim 11, wherein ~~the method further comprises the~~ comprising a timepiece step of measuring current time, and

wherein in said reproducing step, comprises replacing the object is replaced
by another display object based on time measurement in the said timepiece step in
reproducing the object having the predetermined attribute.

17. (Currently Amended) An image processing apparatus for reproducing a
recorded digital data stream, comprising:

determination means for determining whether an object having a
predetermined attribute exists in the recorded digital data stream;

designation means for designating a reproducing form of the object having
the predetermined attribute from a plurality of reproducing forms; and

reproducing control means for reproducing an image corresponding to the
object having the predetermined attribute in the reproducing form designated by said
designation means when the recorded digital data stream while replacing the object with a
predetermined icon reproduced based on the reproducing form designated by said
designation means, in a case where said determination means determines that the object
having the predetermined attribute exists.

18. (Original) The apparatus according to claim 17, wherein the
reproducing form designated by said designation means includes reproducing by using an
icon corresponding to the predetermined attribute.

19. (Original) The apparatus according to claim 17, wherein the
reproducing form designated by said designation means further includes reproducing by
using an audio object.

20. (Original) The apparatus according to claim 17, wherein the reproducing form designated by said designation means includes non-display of the object having the predetermined attribute.

21. (Original) The apparatus according to claim 17, wherein the reproducing form designated by said designation means includes display of time information obtained in recording the digital data stream.

22. (Original) The apparatus according to claim 17, wherein the predetermined attribute includes an emergency news telop.

23. (Original) The apparatus according to claim 17, wherein said designation means comprises:

instruction means for instructing a reproduced icon on a display screen; and
means for changing a set value for designating the reproducing form in
accordance with instruction operation of said instruction means.

24. (Original) The apparatus according to claim 17, wherein
the digital data stream includes a data stream coded by a digital television
MPEG4 scheme, and has main data and sub-data,
the main data includes data having a plurality of objects divided in units of
predetermined objects, and
the sub-data includes attribute information of the object.

25. (Original) The apparatus according to claim 24, wherein the digital data stream includes a digital television data stream containing an object coded by an MPEG4 scheme and the sub-data multiplexed on an MPEG2 bitstream.

26. (Original) The apparatus according to claim 17, wherein designation by said designation means can be executed during reproducing of the object having the predetermined attribute.

27. (Currently Amended) An image processing method in an image processing apparatus for reproducing a recorded digital data stream, comprising:

the a determination step of determining whether an object having a predetermined attribute exists in the recorded digital data stream;

the a designation step of designating a reproducing form of the object having the predetermined attribute from a plurality of reproducing forms; and

the a reproducing control step of reproducing ~~an image corresponding to the object having the predetermined attribute in the reproducing form designated in the designation step when~~ the recorded digital data stream while replacing the object with a predetermined icon reproduced based on the reproducing form designated in said designation step, in a case where the object having the predetermined attribute is determined to exist in the said determination step.

28. (Currently Amended) The method according to claim 27, wherein the reproducing form designated in ~~the~~ said designation step includes reproducing by using an icon corresponding to the predetermined attribute.

29. (Currently Amended) The method according to claim 27, wherein the reproducing form designated in ~~the~~ said designation step further includes reproducing by using an audio object.

30. (Currently Amended) The method according to claim 27, wherein the reproducing form designated in ~~the~~ said designation step includes non-display of the object having the predetermined attribute.

31. (Currently Amended) The method according to claim 27, wherein the reproducing form designated in ~~the~~ said designation step includes display of time information obtained in recording the digital data stream.

32. (Original) The method according to claim 27, wherein the predetermined attribute includes an emergency news telop.

33. (Currently Amended) The method according to claim 27, wherein the designation step comprises:

~~the an~~ instruction step of instructing a reproduced icon on a display screen;
and

~~the a~~ step of changing a set value for designating the reproducing form in accordance with instruction operation in ~~the~~ said instruction step.

34. (Original) The method according to claim 27, wherein

the digital data stream includes a data stream coded by a digital television MPEG4 scheme, and has main data and sub-data,

the main data includes data having a plurality of objects divided in units of predetermined objects, and

the sub-data includes attribute information of the object.

35. (Original) The method according to claim 34, wherein the digital data stream includes a digital television data stream containing an object coded by an MPEG4 scheme and the sub-data multiplexed on an MPEG2 bitstream.

36. (Currently Amended) The method according to claim 34, wherein designation in the said designation step can be executed during reproducing of the object having the predetermined attribute.

37. (Currently Amended) A computer-readable recording medium which stores on which is stored a program for of executing an image processing method of reproducing a recorded digital data stream, the program comprising:

a determination step module for determining whether an object having a predetermined attribute exists in the recorded digital data stream; and

a reproducing module step for ~~changing a reproducing form of the object~~ and reproducing the object when reproducing the recorded digital data stream while replacing the object with a new object generated based on information of the object being reproduced, in a case where the object having the predetermined attribute is determined to exist in the by said determination step module.

38. (Currently Amended) A computer-readable recording medium ~~which stores on which is stored~~ a program ~~for~~ of executing an image processing method of reproducing and displaying a recorded digital data stream, ~~the program~~ comprising:

a determination step ~~module~~ for determining whether an object having a predetermined attribute exists in the recorded digital data stream;

a designation step ~~module~~ for designating a reproducing form of the object having the predetermined attribute from a plurality of reproducing forms; and

a reproducing control step ~~module~~ for reproducing ~~an image corresponding to the object having the predetermined attribute in the reproducing form designated in the designation step module when the recorded digital data stream while replacing the object with a predetermined icon reproduced based on the reproducing form designated by said designation step, in a case where~~ the object having the predetermined attribute is determined to exist in the by said determination step module.